

Research Project Completed/Ongoing:

- 1. Minor Research Project** [ISM/Acad/MRP/2006 dated 26th June, 2006]
Funding Agency: **Indian School of Mines, Dhanbad**
Title of the Project: "Mathematical Modelling of Concentration Distribution Behaviour of Pollutants in Aquifer"
Duration of the project: 03 years (June, 2006-2009)
Status: Completed
Project value: 0.5 Lakhs
- 2. Major Research Project** [F. No.37-205/2009(SR) dated 12th January, 2010]
Funding Agency: **University Grant Commission, New Delhi**
Title of the Project: "Study of Analytical Approach of Unsteady Groundwater Flow Modeling"
Duration of the project: 03 years (Feb., 2010 - 2013)
Status: Completed
Project value: 8.67 Lakhs
- 3. Major Research Project** [25(0251)/16/EMR-II dated 20th May, 2016]
Funding Agency: **Council of Scientific and Industrial Research, New Delhi**
Title of the Project: "Mathematical Study of Solute Transport in Porous Formations"
Duration of the project: 03 years (June, 2016 - 2019)
Status: Completed
Project value: 16.79 Lakhs
- 4. Major Research Project** [Ref No. EMR/2016/001628 dated 30th January, 2017]
Funding Agency: **Science and Engineering Research Board, DST, New Delhi**
Title of the Project: "Study of Non-Linear Advection Dispersion Equation and Their Applications"
Duration of the project: 03 years (February, 2017 - 2020)
Status: Completed
Project value: 23.45 Lakhs
- 5. Major Research Project** [Ref No. CIL(4)/2015-2016/461/Mining Engineering]
Funding Agency: **Coal India limited**
Title of the Project: "Development of guideline for prevention and mitigation of explosion hazard by risk assessment and determination of explosibility of Indian Coal incorporating risk based mine emergency evacuation and reentry protocol"
Duration of the project: 03 years
Project value: 31.00 Lakhs (Total Project Value: 833.57 Lakhs)
- 6. UBA Project** [Ref. No. UBA/2018-2019/567/AM]
Funding Agency: MHRD, New Delhi
Title of the Project: "Unnat Bharat Abhiyan Programme at IIT(ISM) Dhanbad"
Duration of the project: Sept. 2017-2018
Status: Completed
Project value: 1.75 Lakhs
- 7. TEQIP Collaborative Research Project**
[Ref. No.: 1-3643335191 1-5748515018 Dated 18th June, 2019]- **Co-PI**
Funding Agency: National Project Implementation Unit, MHRD, **New Delhi**
Title of the Project: "Mathematical Study of Non-reactive Solute Transport in Multilayer Porous Media"
Duration of the project: 01 year
Status: Completed
Project value: 8.06 Lakhs